

TABLE 2.—Instrumental seismological reports, December, 1919—Con.

Date.	Char. acter.		Time.	Period. T.	Amplitude.		Dis- tance.	Remarks.
					A ₁	A ₂		
Canada. Victoria, B. C. Dominion Meteorological Service.								
Lat., 48° 24' N.; long., 123° 19' W. Elevation, 67.7 meters. Subsoil: Rock.								
Instrument: Wiechert, vertical: Milne horizontal pendulum, North: in the meridian								
Instrumental constant $\frac{76}{18}$. Pillar deviation, 1 mm. swing of boom = 0.54".								
1919. Dec. 3.		P	H. m. s.	Sec.	μ	μ	Km.	Off. Pt. Estevan. Felt there and at Alert Bay Wire- less Station.
		L	2 26 26				215	
		M	2 26 55		*100			
		F	2 27 25					
		F	2 30 21					
VERTICAL.								
5		P	2 24 55	2.5				
		L	2 25 35	3				
		M	2 25 45	3	a			
		F	2 31 30					
12		P	0 32 28					2,700
		S	0 37 03					
		L	0 41 29					
		M	0 43 56		*200			
		F	0 55 44					
14		P	4 23 16					
		M	4 26 42		*200			
		F	4 35 03					
14		P	1 32 02					
		S	1 33 24					
		M	2 00 04		*200			
		F	2 29 05					
14		M	3 34 20		*50			
15		P?	20 16 59					
		M	20 18 57		*200			
		F	20 25 50					
18		P?	0 12 21					
		M	0 20 13		*50			
		F	0 25 08					
18		P	1 34 58					
		L	1 38 54					
		M	1 41 21		*300			
		F	1 49 43					
20		P	21 00 50					Marked micros from 20h 23m to 20h 44m.
		S	21 06 18					
		L	21 15 43					
		M	21 29 36		*500		3,670	
21		L	21 38 50					
		L	22 14 20					
		F	22 43 28					
21		M	18 55 28		*50			May not be seismic.
23		P	0 23 38					
		M	0 32 59		*100			
		F	0 41 20					
26		P	16 56 58					
		M	17 01 24		*100			
		F	17 09 51					

* Trace amplitude.

SEISMOLOGICAL DISPATCHES.¹

London, December 3, 1919.

A serious earthquake occurred in western Asia Minor on Thursday, seven villages in the district of Soma and Balikeari being destroyed, according to advices received here from Constantinople. Many persons were killed and injured, it is stated.—Associated Press.

Juneau, Alaska, December 14, 1919.

Juneau and vicinity were rocked at 4:10 p. m. to-day by one of the heaviest earthquakes experienced here in years. Buildings were badly shaken, but no material

damage has been reported. It is believed the shocks centered about the Katmai Volcano, near Kodiak, and that the volcano may be in eruption again.—Associated Press.

TABLE 3.—Late reports. (Instrumental.)

Date.	Char-acter.	Phase.	Time.	Period T.	Amplitude.		Dis-tance.	Remarks.
					A ₁	A ₂		
Hawaii. Honolulu. Magnetic Observatory. U. S. Coast and Geodetic Survey. Frank Neumann.								
Lat., 21° 19' 12" N.; long., 155° 03' 48" W. Elevation, 15.2 meters.								
Instrument: Milne seismograph of the Seismological Committee of the British Association.								
Instrumental constant...18.4 " Sensitiveness 0.40 are tilt-1 mm.								
1919.			H. m. s.	Sec.	μ	μ	Km.	
Nov. 5	P		20 36 00	16				
	eL		20 43 06					
	M		20 47 42	15	*100			
	C		20 54 24					
	F		20 58 ..					
6	L		17 32 00					
	M				*100			
	F		17 44 ..					
18	eP		4 22 54					Hourly time breaks
	L		4 32 24	22				missing; time in-
	M		4 50 18	17	*300			terpolated for an
	C		4 55 ..					interval of 25
	F		5 16 ..	19				hours.
18	P		23 00 24	15				
	L		23 05 00					
	M		23 11 00	20	*200			
	C		23 19 ..	18				
	F		23 26 ..					
20	eP		14 19 48	19				
	S		14 27 18					
	SR ₁		14 32 00	14				Very sharply de-
	L		14 38 42					fined.
	M		14 42 42	15	*2,000			
	C		14 48 ..	16				
	F		15 36 ..	20				
23	eP		6 17 42	18				Phases indefinite.
	eS		6 23 48					
	L		6 30 30					
	M		6 35 00	17	*700			
	C		6 42 ..	19				
	F		7 25 ..	17				
26	e		8 30 30					
	M		8 31 00		*50			
	F		8 34 ..					

* Trace amplitude.

Porto Rico. Vieques. Magnetic Observatory. U. S. Coast and Geodetic Survey. W. M. Hill.

Lat., 19° 09' N.; Long., 65° 27' W. Elevation, 19.8 meters.

Instruments: Two Bosch-Omorl.

		Instrumental constants..		$\begin{cases} E \\ N \end{cases}$	$\begin{matrix} V \\ 10 \\ 10 \end{matrix}$	$\begin{matrix} T_0 \\ 17 \\ 19 \end{matrix}$	
1919.			<i>H. m. s.</i>	<i>Sec.</i>	μ	μ	<i>Km.</i>
Nov. 6	P	7 15 00					Beginning of a series of waves of small amplitude and period about 1s.
	S ₁ ?	7 16 23					
	L ₁	7 17 27					
	L ₂	7 17 19					
	M ₁	7 18 05	14	*50			
	M ₂	7 18 02			*50		
	C	7 20					
	F	7 24					
8	eP ₁	3 44 39					Felt in several in Porto Rico.
	eP ₂	3 45 18				*10	
	F	3 47					
22	P ₁	1 09 02					
	P ₂	1 08 42					
	M ₁	1 09 43			*20		
	M ₂	1 10 06	5			*20	
	F	1 14					

* Trace amplitude.

¹ Reported by the organization indicated and collected by the seismological station at Georgetown University, Washington, D. C.